

# MANUFACTURING EXTENSION PARTNERSHIP

## Success Stories from the Field

### McLanahan Corp.

IMC-PA

#### Lean Implementation Bolsters Operational Efficiencies for McLanahan Corporation

##### Client Profile:

McLanahan Corporation, located in Hollidaysburg, Pennsylvania is a manufacturer of agriculture, pit, mining, and quarry equipment, including roll crushers, mixers, feeders, breakers, log and screw washers, rotary screens, tanks, and scrubbers. The company also operates a facility in Gallatin, Tennessee. McLanahan Corporation employs 154 people.

##### Situation:

IMC-PA, a NIST MEP network affiliate, had worked with McLanahan Corporation for more than ten years, assisting the company with projects such as software selection and implementation, sales training, and an upgrade of their website. Rob McGee, McLanahan's Director of Manufacturing, attended one of the IMC public Lean 101 courses and invited IMC-PA to discuss how McLanahan could begin its own Lean journey. The company was experiencing operational inefficiencies, and management wanted to improve processes and flow of operations. Leadership also wanted to boost the engagement and empowerment of the workforce in effecting change and process improvements at all levels of the organization.

##### Solution:

IMC-PA worked with McLanahan on a Lean Production System Implementation project. The first step toward transforming the production system was to expose key employees to improvement objectives through five-day, hands-on training workshops that are commonly called "kaizen events." IMC-PA provided training and assisted in the planning, implementation, and follow-up activities for the series of kaizen event workshops. The objective of each workshop was to make breakthrough improvements of a selected work area or work method metrics such as cycle time, productivity, cost, and quality. With IMC-PA's assistance, the on-line fastener inventory process was studied, redesigned, de-bugged, documented, and implemented, resulting in a 50 percent improvement in fastener inventory levels. The project with IMC-PA provided McLanahan employees an increased understanding of Lean tools and methods. Through the workshops, IMC-PA assisted in the development of implementation methods and strategies for McLanahan to continue the Lean transformation efforts company wide.

##### Results:

- \* Realized \$150,000 in cost savings.
- \* Improved inventory levels by 50 percent.

##### Testimonial:

"Our long-term goal is to create a workplace where all employees are always performing their work with an eye for improvement. With the assistance of IMC-PA, we hope to achieve major breakthroughs in cost, quality, productivity and lead time."

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Rob McGee, Director of Manufacturing